

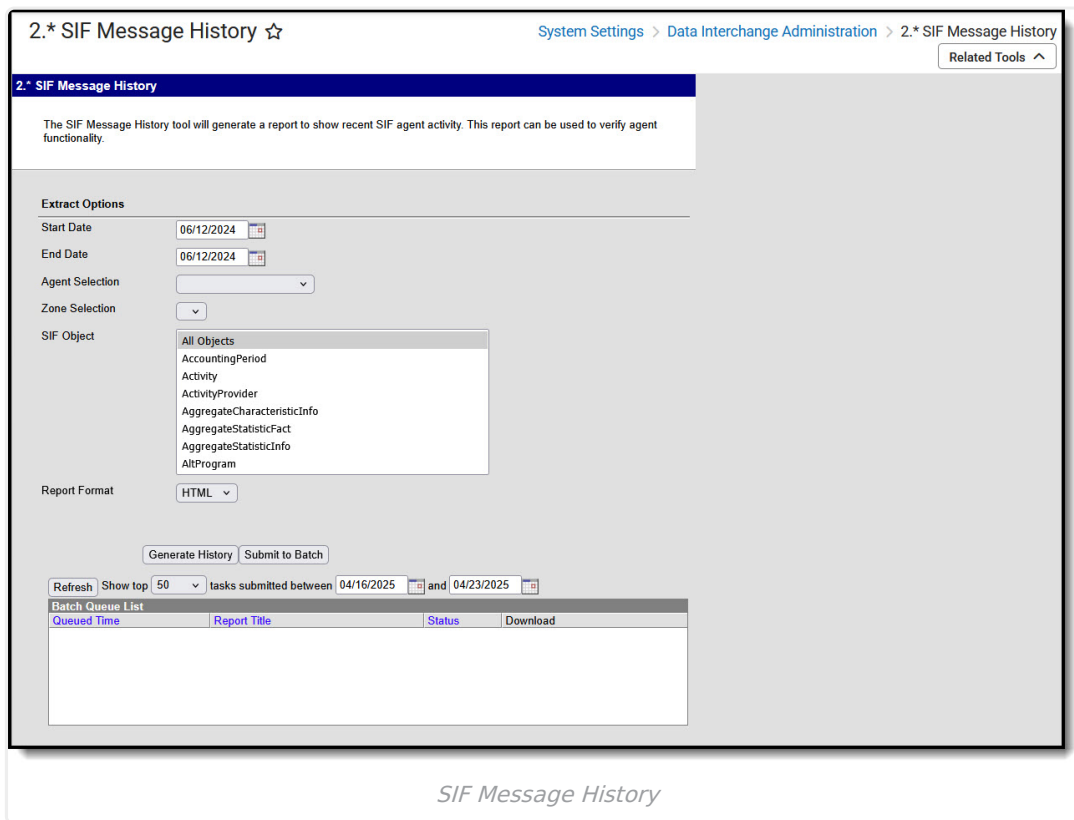
# SIF Message History (2.\*)

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Tool Search: SIF Message History

The SIF Message History tool allows users to generate a report which includes detailed information about messages sent for a specific SIF object within a specific time frame, agent, and zone. This report allows you to review recent SIF agent activity and is especially useful for troubleshooting errors to and from a SIF reporting entity.



The screenshot shows the '2.\* SIF Message History' tool interface. At the top, there is a breadcrumb trail: 'System Settings > Data Interchange Administration > 2.\* SIF Message History'. Below this is a 'Related Tools' button with an upward arrow. The main header is '2.\* SIF Message History' with a star icon. A descriptive text box states: 'The SIF Message History tool will generate a report to show recent SIF agent activity. This report can be used to verify agent functionality.'

The 'Extract Options' section includes the following fields:

- Start Date:** 06/12/2024
- End Date:** 06/12/2024
- Agent Selection:** (Dropdown menu)
- Zone Selection:** (Dropdown menu)
- SIF Object:** A list box containing the following options: All Objects, AccountingPeriod, Activity, ActivityProvider, AggregateCharacteristicInfo, AggregateStatisticFact, AggregateStatisticInfo, and AltProgram.
- Report Format:** HTML

Below the options are two buttons: 'Generate History' and 'Submit to Batch'.

At the bottom, there is a 'Refresh' button, a 'Show top' dropdown set to 50, and a date range filter: 'tasks submitted between 04/16/2025 and 04/23/2025'. Below this is a 'Batch Queue List' table with the following columns: 'Queued Time', 'Report Title', 'Status', and 'Download'. The table is currently empty.

*SIF Message History*

**Read** - Access and generate the report

**Write** - Provides no function for this tool

**Add** - Provides no function for this tool

**Delete** - Provides no function for this tool

For more information about Tool Rights and how they function, see [this Tool Rights article](#).

## Generating the SIF Message History Report

Users can generate the SIF Message History Report to review recent SIF agent activity and diagnose SIF message errors which may be occurring from a SIF reporting entity.

### 2.\* SIF Message History

The SIF Message History tool will generate a report to show recent SIF agent activity. This report can be used to verify agent functionality.

**Extract Options**

Start Date: 08/29/2018

End Date: 08/29/2018

Agent Selection: KYStateCampus

Zone Selection: KYStateZone

SIF Object: All Objects

Report Format: HTML

Generate History Submit to Batch

Refresh Show top 50 tasks submitted between 08/22/2018 and 08/29/2018

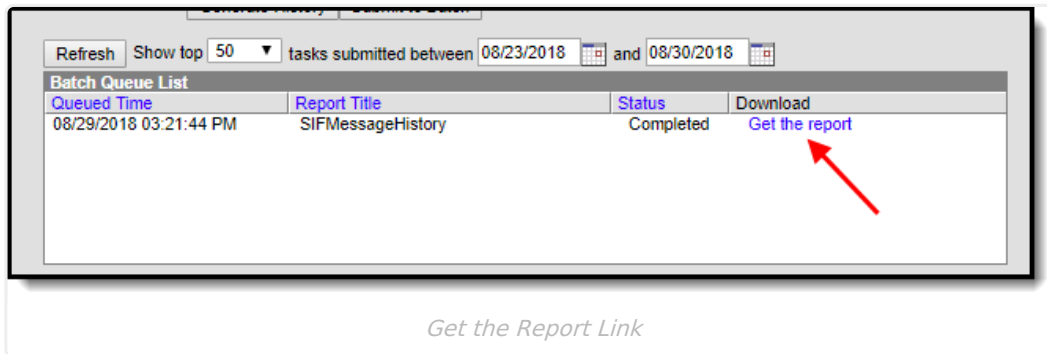
| Queued Time            | Report Title      | Status | Download |
|------------------------|-------------------|--------|----------|
| 08/29/2018 03:21:44 PM | SIFMessageHistory | Queued |          |

*Generating the SIF Message History*

## To Generate the SIF Message History Report

1. Enter the **Start Date**. This is the first day in the date range of SIF messages included in the report.
2. Enter the **End Date**. This is the last day in the date range of SIF messages included in the report.
3. Select an agent from the **Agent Selection** dropdown list. Only SIF messages processed from this agent are included in the report.
4. Select a zone from the **Zone Selection** dropdown list. Only SIF messages processed through this zone are included in the report.
5. Select which **SIF Objects** will report message data. Select 'All Objects' to see all SIF messages within the timeframe of the zone and agent selected or select an individual (or more) SIF Object to see SIF message results for these specific objects.
6. Select the **Report Format**. Options include HTML or CSV.
7. Select how the report will be generated.
  - Click **Generate Extract** to view the report in the selected format or
  - Click **Submit to Batch** to schedule when the report will generate. When submitting the report to batch, the report will appear within the Batch Queue List in a Status of Queued.

Once complete, the Status will update to Completed and you can access the report by clicking the Get the report hyperlink (see image below).



## Understanding the SIF Message History Report

Records: 7

| batchID | batchGUID                            | agentName     | zoneName    | name                | recordsSent | recordsProcessed | recordsErrorCount | status | startTimestamp          | endTimestamp            | partial | triggeredBy |
|---------|--------------------------------------|---------------|-------------|---------------------|-------------|------------------|-------------------|--------|-------------------------|-------------------------|---------|-------------|
| 4389    | 5153C763-0AC8-1493-0000-0165443BAC04 | KYStateCampus | KYStateZone | Enrollment          | 151761      | 124532           | 27229             | 4      | 2018-08-16 14:34:46.02  | 2018-08-16 15:41:55.607 | 0       |             |
| 4388    | 5153C763-0AC8-1493-0000-0165443BABF5 | KYStateCampus | KYStateZone | PersonIdentity      | 157682      | 157216           | 466               | 4      | 2018-08-16 14:34:46.003 | 2018-08-16 15:01:13.663 | 0       |             |
| 4387    | 5153C763-0AC8-1493-0000-0165443BABF4 | KYStateCampus | KYStateZone | StructureGradeLevel | 426         | 419              | 7                 | 4      | 2018-08-16 14:34:46.003 | 2018-08-16 14:36:33.62  | 0       |             |
| 4385    | 5153C763-0AC8-1493-0000-0165443BABE4 | KYStateCampus | KYStateZone | Calendar            | 241         | 234              | 7                 | 4      | 2018-08-16 14:34:45.987 | 2018-08-16 14:36:03.383 | 0       |             |
| 4386    | 5153C763-0AC8-1493-0000-0165443BABE5 | KYStateCampus | KYStateZone | ScheduleStructure   | 426         | 419              | 7                 | 4      | 2018-08-16 14:34:45.987 | 2018-08-16 14:36:03.447 | 0       |             |
| 4384    | 5153C763-0AC8-1493-0000-0165443BABD5 | KYStateCampus | KYStateZone | School              | 198         | 187              | 11                | 4      | 2018-08-16 14:34:45.973 | 2018-08-16 14:36:03.257 | 0       |             |
| 4383    | 5153C763-0AC8-1493-0000-0165443BABA6 | KYStateCampus | KYStateZone | District            | 1           | 1                | 0                 | 4      | 2018-08-16 14:34:45.94  | 2018-08-16 14:35:33.177 | 0       |             |

Example of the SIF Message History Report

The table below describes each column on the report.

| Column              | Description  |
|---------------------|--|
| <b>Batch ID</b>     | A unique identifier for the batch sync processed for that object in the identified agent and zone. |
| <b>Batch GUID</b>   | A unique identifier for the batch sync processed for that object in the identified agent and zone. |
| <b>Agent Name</b>   | The agent which processed the SIF messages.  |
| <b>Zone Name</b>    | The zone which processed the SIF messages.   |
| <b>Name</b>         | The name of the SIF object.  |
| <b>Records Sent</b> | The number of records sent during the batch sync.  |

| Column                     | Description  |
|----------------------------|--|
| <b>Records Processed</b>   | The number of records successfully processed by the receiving SIF entity. If this number varies from the Records Sent number, this indicates errors occurred.                                  |
| <b>Records Error Count</b> | The number of records that were not successfully processed by the receiving SIF entity. This indicates additional investigation might be necessary to identify the reason behind these errors. |
| <b>Status</b>              | The determined status of the batch sync. <ul style="list-style-type: none"> <li>• 3 = Success</li> <li>• 4 = Fail</li> </ul>   |
| <b>Start Timestamp</b>     | The time in which the SIF request is received by the SIF reporting entity (this is not when Campus has responded).   |
| <b>End Timestamp</b>       | The time in which the SIF message failed. This will only populate a value for failed messages. If the message was successful, this field reports as null.                                      |
| <b>Partial</b>             | Always reports as 0.   |
| <b>Triggered By</b>        | Always reports blank.  |